

# PHILIPS

LEDtube EM T8

LED

1200mm

6500K

G13

8720169208643



## Durable LED task lighting with excellent light quality

Upgrading to Philips LED tubes is a fast and easy way to replace your old fluorescent tubes with modern and efficient LED technology. This Philips LED tube is perfect for the places that need a lot of light.

### High quality light

- No hum buzz
- Enjoy the energy-savings of LEDs without sacrificing light quality. Instantly save over 64% in energy by replacing your existing traditional fluorescent lamps

### Choose for a sustainable solution

- Long life tubes - Lasts up to 15 years

### Light beyond illumination

- Instant on

# Highlights

## TLED No Hum/Buzz

Philips LED tubes do not create excessive noise while operating on a fluorescent ballast or by itself bypassing the ballast (MainsFit application)

## Instant on

**Save up to 64% energy**  
**15,000-hour rated average life**



With a lifetime of up to 15,000 hours, you can reduce the hassle of frequently replacing your light tubes and enjoy a perfect lighting solution for over 15 years.

# Specifications

## Bulb characteristics

- Intended use: Indoor
- Lamp shape: T8
- Socket: G13
- Type of glass: Frosted
- Dimmable: No
- Bulb Finish: Frosted
- Bulb Material: Glass

## Bulb dimensions

- Height: 121.4 cm
- Width: 2.8 cm

## Design and finishing

- Material: Glass

## Durability

- Number of switch cycles: 50,000
- Nominal lifetime: 15,000 hour(s)
- Ambient temperature range: -20 to +45 °C

## Light characteristics

- Beam angle: 240 degree(s)
- Color rendering index (CRI): 70
- Color temperature: 6500 K
- Nominal luminous flux: 2300 lm
- Warm-up time to 60% light: 0.5 s
- Color Code: 765 | CCT of 6500K
- Correlated Color Temperature (Nom): 6500 K
- Luminous Flux: 2,300 lm
- Luminous Efficacy (rated) (Nom): 104 lm/W

## Miscellaneous

- EyeComfort: Yes
- Approval Marks: RoHS compliance
- LED Innovations: EyeComfort

## Other characteristics

- Efficacy: 104 lm/W
- EU RoHS compliant: Yes

#### Packaging information

- EAN: 8720169208643
- EOC: 872016920864300
- Product title: Ledtube DE HO  
1200mm 22W 765 T8 G13

#### Power

- Power Factor (Fraction): 0.5

#### Power consumption

- Power factor: 0.5
- Voltage: 220–240 V
- Wattage: 22 W
- Wattage equivalent: 36 W
- Power Consumption: 22 W

#### Product dimensions and weight

- Length: 121.4 cm

#### Rated values

- Rated lifetime: 15,000 hour(s)

#### Technical specifications

- Frequency: 50–60 Hz
- Dimmable: No
- Cap-Base: G13 | Medium Bi-Pin  
Fluorescent
- Ballast Compatibility: EM

#### Packaging dimensions and weight

- EAN/UPC – product: 8720169208643
- Net weight: 0.17 kg
- Gross weight: 0.21 kg
- Height: 2.9 cm
- Length: 121.4 cm
- Width: 2.9 cm
- Material number (12NC):  
929003663008



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